

## INTERNATIONAL SEARCH REPORT

International Application No

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06T15/20

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
**IPC 7 G06T**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, COMPENDEX, INSPEC

#### C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	K. MEINDS, B. BARENBRUG: "Resample Hardware for 3D Graphics" GRAPHICS HARDWARE (EUROGRAPHICS WORKSHOP PROC.), 2002, pages 17-25, XP002259239	1,10-12
A	abstract * chapter 6 * -----	2-9
A	T. MCREYNOLDS, D. BLYTHE, B. GRANTHAM, S. NELSON: "Programming with OpenGL: Advanced techniques" COURSE 17 NOTES AT SIGGRAPH '98, 'Online! 1998, XP002259240 Retrieved from the Internet: URL: <a href="http://www.sgi.com/software/opengl/advanced98/notes">http://www.sgi.com/software/opengl/advanced98/notes</a> 'retrieved on 2003-10-24! * chapter 5.4 * -----	1-12

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

• Special categories of cited documents :

- A** document defining the general state of the art which is not considered to be of particular relevance
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**Date of the actual completion of the international search**

**Date of mailing of the international search report**

24 August 2004

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## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/051054

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	K. MEINDS, B. BARENBRUG, F. PETERS: "Hardware-accelerated Texture and Edge Antialiasing using FIR-Filters" ACM SIGGRAPH 2002, CONFERENCE ABSTRACTS AND APPLICATIONS, 2002, page 190, XP002259241 the whole document -----	1-12
A	SHIRMAN L ET AL: "A new look at mipmap level estimation techniques" COMPUTERS AND GRAPHICS, PERGAMON PRESS LTD. OXFORD, GB, vol. 23, no. 2, April 1999 (1999-04), pages 223-231, XP004165786 ISSN: 0097-8493 the whole document -----	1-12
A	EWINS J P ET AL: "Implementing an anisotropic texture filter" COMPUTERS AND GRAPHICS, PERGAMON PRESS LTD. OXFORD, GB, vol. 24, no. 2, April 2000 (2000-04), pages 253-267, XP004236371 ISSN: 0097-8493 * chapter 3 * -----	1-12
A	EP 0 447 227 A (HEWLETT PACKARD CO) 18 September 1991 (1991-09-18) abstract figure 3 -----	1-12
A	PAUL S HECKBERT: "Fundamentals of Texture Mapping and Image Warping" TECHNICAL REPORT UCB/CSD 89/516, XX, XX, 17 June 1989 (1989-06-17), pages 1-85, XP002250390 page 60 - page 62 -----	1-12

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/IB2004/051054

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
EP 0447227	A 18-09-1991	US	5222205 A	22-06-1993
		DE	69130132 D1	15-10-1998
		DE	69130132 T2	28-01-1999
		EP	0447227 A2	18-09-1991
		JP	4222071 A	12-08-1992

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